

## EU Mission 'A Soil Deal for Europe': LIST OF PROJECTS FUNDED UNDER THE 2023 CALLS FOR PROPOSALS

| Project acronym   | Project title   | Project summary   | EU contribution (million €) | Coordinating beneficiary                   | Participants' countries  |
|---|---|---|-----------------------------|--|--|
| <b><u>Discovering the subsoil</u></b>   |   |   |                             |  |  |
| <a href="#">DeepHorizon</a>   | Deploying Ecosystemic solutions to improve soil health and uncovering subsoil functions in the critical zone  | DeepHorizon's goal is to enable practitioners, land managers and policy makers to access subsoil properties, functions, indicators and financial decision support tools to promote sustainable subsoil management.      | 5.9                         | UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)      | Belgium, Czechia, Denmark, France, Germany, Greece, Italy, Poland, Spain, Switzerland, United Kingdom                            |
| <a href="#">SUS-SOIL</a>  | Sustainable Soil and Subsoil health promotion by implementing agroecological land use and management to enhance ecosystem services delivery for society | SUS-SOIL will inventory, analyse and benchmark different agroecology management practices and their impact on subsoil spatial variations and dynamics to increase ecosystem services delivery in rural and urban areas. | 6                           | UNIVERSIDAD DE SANTIAGO DE COMPOSTELA (ES) | Bosnia and Herzegovina, Egypt, Finland, France, Germany, Greece, Italy, Netherlands, Portugal, Slovakia, Spain, Tunisia, Türkiye |
| <b><u>Soil pollution processes – modelling and inclusion in advanced digital decision-support tools</u></b> |   |   |                             |  |  |
| <a href="#">PHISHES</a>   | Physically-Based Integrated Soil Health Simulation Platform   | PHISHES aims to bridge the missing link between data on soil health and actions for the safeguard of soils by providing modelling tools to enhance the assessment of changes in land use on soil ecosystem services.    | 6.1                         | DHI A/S (DK)                               | Czechia, Denmark, France, Germany, Italy, Netherlands, Poland, Sweden  |

|   |   |   |     |   |  |
|---|---|---|-----|---|--|
| <a href="#">SOILPROM</a>  | Modelling pollutant transport across the soil-water-atmosphere continuum, and impacts on ecosystem services | SOILPROM will improve the modelling of soil pollution processes for different pollutants across compartments, to contribute to reduced levels of pollution and healthier soils across Europe.   | 6.8 | WAGENINGEN UNIVERSITY (NL)                              | Belgium, Czechia, Finland, France, Germany, Greece, Netherlands, Norway, Poland, Spain |
| <b><u>Onsite digital technologies to monitor nutrients and chemical or biological stressors in soil and plants with relevance for food safety and nutrition</u></b> |   |   |     |   |  |
| <a href="#">E-SPFdigit</a>  | Emergent soil, plant and food onsite digital services on chemical and biological contaminants               | E-SPFdigit will improve onsite digital tools for viticulture and horticulture application in soil-contaminated areas.   | 5.7 | ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS (GR) | Cyprus, France, Greece, Ireland, Italy, Netherlands, Portugal, Serbia, Spain           |
| <a href="#">WHEATWATCHER</a>  | Safe Wheat Agriculture Towards Sustainable Health   | WHEATWATCHER seeks to develop a cutting-edge digital soil monitoring system assessing soil nutrients, chemical and biological factors impacting wheat grains from field growth to flour production.                                   | 6.3 | UNIVERSITEIT GENT (BE)                                  | Belgium, Czechia, Estonia, Germany, Greece, Israel, Latvia, Poland, Switzerland        |
| <b><u>Innovations to prevent and combat desertification</u></b>   |   |   |     |   |  |
| <a href="#">MONALISA</a>  | Monitoring and Assessing prevention and restoration solutions to combat desertification                     | MONALISA's main goal is to identify and promote the expansion of innovative and tailored solutions to prevent and reverse land degradation and desertification while showcasing their socio-economic and environmental effectiveness. | 7.3 | UNIVERSITA DEGLI STUDI DI SASSARI (IT)                  | Denmark Greece, France, Italy, Romania, Serbia, Spain, Switzerland, Tunisia            |

|  |   |  |     |   |   |
|--|---|--|-----|---|---|
| <a href="#">TERRASAFE</a>  | Terrestrial Resilience and Restoration Strategies for (semi) Arid and Fragile Ecosystems through a multi-actor approach | TERRASAFE envisages to empower local communities to successfully face the escalating challenges of desertification through the adoption of nature-based, social and technological innovations. | 6.5 | UNIVERSIDADE DE AVEIRO (PT)                             | Austria, Belgium, Cyprus, Italy, Netherlands, Norway, Portugal, Romania, Spain, Sweden, Tunisia, United Kingdom         |
| <b><u>Soil-friendly practices in horticulture, including alternative growing media</u></b> |   |  |     |   |   |
| <a href="#">Hort2thefuture</a>   | Horticultural innovations in soil-friendly practices to ensure a sustainable future                                     | Hort2thefuture will develop, foster and commercialise novel products to increase the sustainability and reduce the environmental footprint of horticulture.                                    | 6.2 | COPENHAGEN BUSINESS SCHOOL (DK)                         | Belgium, Croatia, Denmark, Germany, Hungary, Italy, Netherlands, North Macedonia, Norway, Serbia, Spain, United Kingdom |
| <a href="#">SPIN-FERT</a>  | Innovative practices, tools and products to boost soil fertility and peat substitution in horticultural crops           | SPIN-FERT's main objective is to improve peat-free substrates to enhance soil health in vegetable, fruit and ornamental crops.   | 7.1 | INSTYTUT OGRODNICTWA - PANSTWOWY INSTYTUT BADAWCZY (PL) | Austria, France, Germany, Italy, Netherlands, Poland, Spain, United Kingdom   |
| <b><u>Soils in spatial planning</u></b>  |   |  |     |   |   |
| <a href="#">SPADES</a>   | Spatial Planning and Design with Soil   | SPADES' mission is to develop, test and implement soil-inclusive spatial planning strategies to support the transition towards soil health in Europe.  | 7   | STICHTING DELTARES (NL)                                 | Austria, France, Germany, Hungary, Italy, Netherlands, Romania, Slovenia, Sweden  |

### **Back to earth: bringing communities and citizens closer to soil**

|                           |   |  |   |  |  |
|---------------------------|---|--|---|--|--|
| <a href="#">SOILSCAPE</a> | Spreading Open and Inclusive Literacy and Soil Culture through Artistic Practices and Education | SOILSCAPE aims to harness the power of cultural and creative Industries, artists, and civil society organisations to promote soil preservation across Europe and beyond. | 6 | ASSOCIATION FRANCAISE POUR L'ETUDE DU SOL (AFES, FR) | Belgium, Bulgaria, Finland, France, Germany, Greece, Italy, Kenya, Poland, Portugal, Switzerland |
| SoilTribes*               | Global ecosystems restoring soil values, roles and connectivity                                 | SoilTribes seeks to cultivate soil literacy and celebrate soils through creative approaches, engaging citizens and professionals.  | 6 | INOVA+ - INNOVATION SERVICES (PT)                    | Denmark, France, Germany, Greece, Italy, Netherlands, Poland, Portugal, Romania, Slovenia, Spain |

### **Co-creating solutions for soil health in Living Labs**

|                             |  |   |    |  |   |
|-----------------------------|--|---|----|--|---|
| <a href="#">GOV4ALL</a>     | Governance and business models for living labs | GOV4ALL will establish five Living Labs in France, Greece and Spain to address soil erosion, desertification and soil biodiversity.   | 12 | SOLUCIONES AGRICOLAS ECOINNOVADORAS (ES)         | Austria, France, Greece, Netherlands, Spain, Switzerland          |
| <a href="#">iCOSHELLS</a>   | Innovative Co-Creation Soil Health Living Labs | iCOSHELLS plans to establish six Living Labs in Bulgaria, France, Greece, Italy, Spain and Sweden to address soil pollution, erosion and biodiversity.  | 12 | RISE RESEARCH INSTITUTES OF SWEDEN AB (SE)       | Belgium, Bulgaria, Denmark, Germany, Greece, Italy, Spain, Sweden |
| <a href="#">LivingSoiLL</a> | Healthy Soil to Permanent Crops Living Labs    | LivingSoiLL aims to establish five Living Labs in France, Italy, Poland, Portugal and Spain and involve more than 2000 actors working on permanent crops to address soil erosion, pollution and biodiversity. | 12 | UNIVERSIDADE DE TRAS-OS-MONTES E ALTO DOURO (PT) | Belgium, France, Italy, Poland, Portugal, Spain                   |
| <a href="#">SOILCRATES</a>  | Soil Innovation Labs:                          | SOILCRATES will establish four  | 12 | PROVINCIE FRYSLAN (NL)                           | France, Greece,   |

|   |  |   |      |                                      |  |
|---|--|---|------|--------------------------------------|--|
|   | Co-Regenerating And Transforming European Soils  | Living Labs in France, Ireland, Netherlands and Spain to co-implement solutions to enhance soil structure and health.   |      |                                      | Ireland, Italy, Netherlands, Spain   |
| <b>Carbon farming in living labs</b>  |  |   |      |                                      |  |
| <a href="#">LILAS4SOILS</a>   | Fostering Carbon Farming Practices through Living Labs in the Mediterranean and Southern EU for the healthy future of European Soils | LILAS4SOILS will put in place five Living Labs in France, Greece, Israel, Italy and Spain/Portugal to co-create carbon farming solutions to increate soil organic carbon stocks.  | 11.6 | EIT FOOD CLC SOUTH S.L. (ES)         | Belgium, France, Germany, Greece, Italy, Israel, Netherlands, Portugal, Spain  |
| <b>Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean Sea basin</b> |  |   |      |                                      |  |
| <a href="#">Path4Med</a>  | Demonstrating innovative pathways addressing water and soil pollution in the Mediterranean Agro-Hydro-System                         | Path4Med aims to use agricultural management and monitoring solutions to contribute to zero water and soil pollution from excess nutrients and other emerging pollutants in the agro-hydro-system of the Mediterranean Sea basin and other European seas. | 8.5  | GEOPONIKO PANEPISTIMION ATHINON (GR) | Albania, Cyprus, Czechia, Denmark, France, Germany, Greece, Italy, Netherlands, Norway, Poland, Portugal, Spain, Switzerland, Türkiye, Ukraine |
| <a href="#">SEACURE</a>   | Innovative solutions to prevent, reduce and remediate nutrient pollution along the land-river-sea system in the Mediterranean basin  | SEACURE aims to demonstrate, scale up and replicate effective innovations for the systemic prevention and reduction of nutrient pollution in the Mediterranean Sea basin.   | 8.5  | FUNDACIO UNIVERSITARIA BALMES (ES)   | Austria, Belgium, Greece, Italy, Spain   |

**Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale**

|                             |  |  |      |  |   |
|-----------------------------|--|--|------|--|---|
| <a href="#">SpongeWorks</a> | Co-creating and Upscaling Sponge Landscapes by Working with Natural Water Retention and Sustainable Management | SpongeWorks aims to demonstrate practical, effective, economically feasible and inclusive approaches and solutions towards enhancing the sponge functioning of interconnected groundwater, soil and surface water systems at regional scale. | 15.3 | GOTTFRIED WILHELM LEIBNIZ UNIVERSITAET HANNOVER (DE) | Austria, France, Germany, Greece, Netherlands, United Kingdom |
|-----------------------------|--|--|------|--|---|

- Grant agreement under preparation.